

Figure 6: **FINAL SEVEN UMBRAL ECLIPSES OF SAROS S**

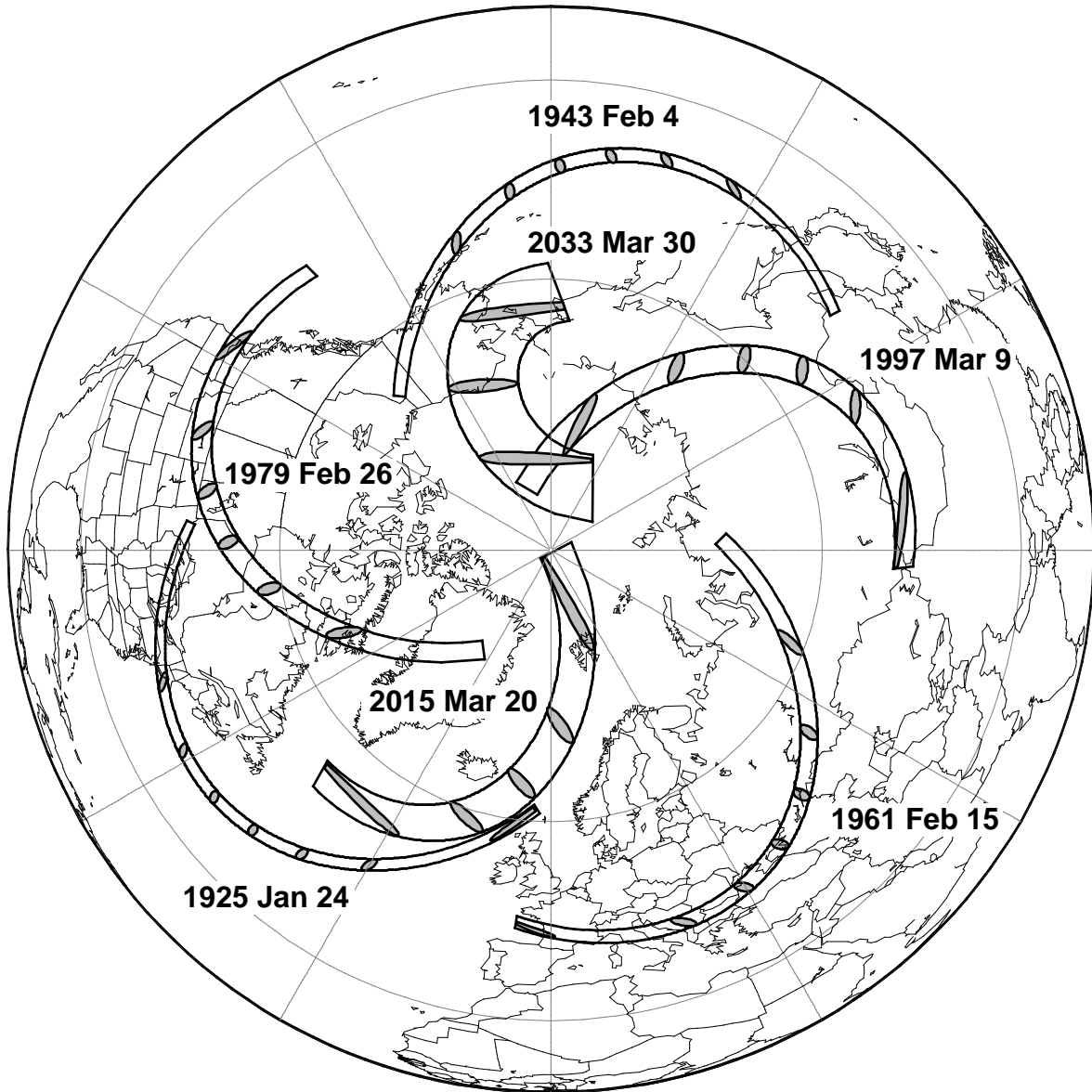


Figure 6 — The final seven umbral solar eclipses of saros series 120 illustrate the characteristic sar pattern where each path is displaced 120° west of its predecessor. Note that the paths of the last fo eclipses (i.e.: 1979, 1997, 2015 and 2033) grow increasingly broader as the umbral shadow cone passe progressively closer to the limb of Earth. The umbral shadow outline is plotted along each path fifteen minute intervals. Saros 120 will end with a partial eclipse near the north pole on 2195 July 7.